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UNIVERSITY OF TORONTO

DIVISION OF EXTENSION

METAL FABRICATION
Principles and Practice

Mondays **10 Lectures**

The course will cover both the fundamental principles of metal deformation and the application of these principles to industrial problems. The student should have an engineering background or be engaged in related industry.

COURSE DIRECTOR: **Professor G. B. Craig**
Department of Metallurgy
University of Toronto

TIME: 7:30 p.m. beginning October 18
PLACE: Room 403, Galbraith Building
FEE: $25.00

Registration

By mail or in person at Room 201, 84 Queen's Park, 9 a.m. to 5 p.m. daily, except Saturdays. Application forms may be obtained by writing to the above address, or by telephoning 928–2393, 928–2394, 928–2395, or 928–2396.

Offered in co-operation with the
AMERICAN SOCIETY FOR METALS

Details

The course will attempt to relate the fundamental structure and properties of metals and alloys with practical problems encountered in rolling, drawing, shearing, extrusion, and high energy rate forming.

The crystal structure and defect structures found in metals will be discussed, and the effect of cold forming and lubrication on material properties and behaviour will be considered.

Lectures will be given by:

Professor B. Ramaswami
Department of Metallurgy and Materials Science
University of Toronto

Mr. J. E. Smeltzer
Supervisor of Chemical Analysis Section
Research and Development Centre
British American Oil Co.

Mr. P. D. Hedgecock
Chief Metallurgical Engineer
De Havilland Aircraft of Canada Ltd.

Mr. F. R. Kurth
Works Manager
Canadian Drawn Steel Co.
Hamilton, Ont.

Mr. F. Hobbs
Chief Metallurgist
Federal Bolt and Nut Corporation